**Post Graduate Diploma and Masters of Science (MSc) in Project Management**

**Elective Options**

(Non-shaded modules are compulsory, others are electives to choose from subject to viability)

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| **Semester** | **Credits** | **General Selection** | **Construction Industry Selection** | **Computing Industry Selection** |
| 1 | 5 | Project Planning | Project Planning | Project Planning |
| 1 | 5 | ***System Simulation Modelling & Analysis*** | ***Lean Construction*** | ***System Simulation Modelling & Analysis*** |
| 1 | 5 | ***Transformational Change*** | ***Building Information Modelling*** | ***Transformational Change*** |
| 2 | 5 | Research Methods | Research Methods | Research Methods |
| 2 | 5 | Project Implementation | Project Implementation | Project Implementation |
| 2 | 5 | Project Simulation | Project Simulation | Project Simulation |
| 3 | 5 | Contracts & Procurement | Contracts & Procurement | Contracts & Procurement |
| 3 | 5 | ***Integrated Quality (integrated Mgt systems)*** | ***Construction Economics and Finance*** | ***Information Technology Innovation and Management*** |
| 3 | 5 | ***Advanced Experimental Design*** | ***Construction Contract Law*** | ***Agile Software Development*** |
| 4 | 5 | Strategic Management | Strategic Management | Strategic Management |
| 4 | 5 | Business Management and Entrepreneurship | Business Management and Entrepreneurship | Business Management and Entrepreneurship |
| 4 | 5 | ***Value Stream Optimisation*** | ***Environmental Impact Assessment*** | ***Value Stream Optimisation*** |
| MSc Years 3  5,6 | 30 | Dissertation | Dissertation | Dissertation |